

# External apparatus for feeding–liquid temperature conditioning for washing machines

## Abstract

An apparatus is proposed to be used to supply the water feed of a standard washing machine with pre-warmed liquid in order to minimize the power consumption of the washing machine for the heating of the washing liquid. The desired temperature of the pre-warmed liquid is produced within the proposed apparatus by mixing liquids of different temperature at a suitable ratio. Instead of altering the design of conventional washing machines or proposing a new washing–machine this invention is about an external apparatus, which should be used with existing washing machines.